



PIPER MARBURY
RUDNICK & WOLFE ^{LLP}
1200 NINETEENTH STREET, NW
WASHINGTON, DC 20036-2412
TELEPHONE: 202-861-3900
FACSIMILE: 202-223-2085

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ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

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JUL 20 2001

TECH CENTER 1600/2900

Re: Serial No.: 09/811,509
Applicant(s): John N. SHANNON et al.
Filing Date: March 20, 2001
For: METHODS AND ORGANISMS FOR CONCENTRATING AND
RECOVERING METALS AND MINERALS FROM AQUEOUS
MEDIA
Group Art Unit: 1633
Examiner: CHEN, S.

SIR:

Attached hereto for filing are the following papers:

INFORMATION DISCLOSURE STATEMENT
PTO-1449

Our check in the amount of \$ 0 is attached covering any required fees. In the event any variance exists between the amount enclosed and the Patent Office charges for filing the above-noted documents, including any fees required under 37 C.F.R. 1.136 for any necessary extension of time to make the filing of the attached documents timely, please charge or credit the difference to Deposit Account No. 50-1442. Further, if these papers are not considered timely filed, then a request is hereby made under 37 C.F.R. 1.136 for the necessary extension of time. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

PIPER MARBURY RUDNICK & WOLFE LLP

Laura A. Donnelly

Steven B. Kelber
Attorney of Record
Registration No.: 30,073

Laura A. Donnelly
Registration No.: 38,435

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION: John N. SHANNON, et al.

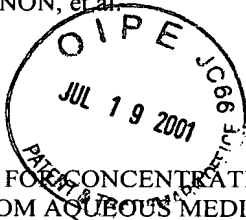
GROUP ART UNIT: 1633

SERIAL NUMBER: 09/811,509

EXAMINER: CHEN, S.

FILED: March 20, 2001

FOR: METHODS AND ORGANISMS FOR CONCENTRATING AND RECOVERING
METALS AND MINERALS FROM AQUEOUS MEDIA



INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.97

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Applicant(s) wish(es) to disclose the following information.

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REFERENCES

- Applicant(s) wish(es) to make of record the documents listed on the attached Form PTO-1449. Copies of the listed documents are of record in parent application Serial No. 09/167,481 filed October 8, 1998 (abandoned).

RELATED CASES

- Attached is a list of Applicant's(s') pending applications and issued patents which may be related to the present application. Copies of the documents, where required, are attached along with Form PTO-1449.

CERTIFICATION

The undersigned certifies that

- each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign or international patent office in a counterpart foreign or international application for the first time (to the knowledge of the undersigned, having made reasonable inquiry) not more than three months prior to the filing of this statement.
- no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign or international patent office in a counterpart foreign or international application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this statement.

BASIS FOR CONSIDERATION

This Information Disclosure Statement is filed:

- without fee and within three months of the filing date of the application.
- without fee and within three months of the date of entry of the U.S. national stage.
- without fee and before the mailing date of a first Office Action on the merits (to the knowledge of the undersigned).
- without fee and with the appropriate certification above.
- without fee and with a new CPA application.
- without fee and with a Request for Continued Examination.
- with fee and before the mailing date of any of a Final Office Action, Notice of Allowance or an action that otherwise closes prosecution (to the knowledge of the undersigned).

DEPOSIT ACCOUNT

- Please charge any additional fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to Deposit Account No. 50-1442.

Respectfully submitted,

PIPER MARBURY RUDNICK & WOLFE LLP

Laura A. Donnelly

Steven B. Kelber
Attorney of Record
Registration No. 30,073
Laura A. Donnelly
Registration No. 38,435

1200 Nineteenth Street, N.W.
Washington, DC 20036-2412
Telephone No. (202) 861-3900
Facsimile No. (202) 223-2085